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Search History

DATE: **Tuesday, October 15, 2002**   <u>Printable Copy</u>   <u>Create Case</u>

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DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=OR			
L28	L7 and l21	13	L28
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DB=USPT; PLUR=YES; OP=OR			
L26	5612732.pn.	1	L26
L25	5825408.pn.	1	L25
DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=OR			
L24	L21 and event same storage	9	L24
L23	L16 and l21	3	L23
L22	L21 and event same detect$3	9	L22
L21	L20 and "information processing device"	68	L21
L20	"transmission media"	20562	L20
L19	(((709/314)!.CCLS.))	75	L19
L18	(((709/101)!.CCLS.))	201	L18
L17	(((709/$)!.CCLS.))	19776	L17
L16	(((348/$)!.CCLS.))	44207	L16
L15	(((348/14.02)!.CCLS.))	61	L15
L14	(((370/371)!.CCLS.))	72	L14
L13	(((370/300)!.CCLS.))	63	L13
L12	(((370/299)!.CCLS.))	77	L12
L11	(((370/282)!.CCLS.))	294	L11
L10	(((370/287)!.CCLS.))	41	L10
L9	(((370/277)!.CCLS.))	135	L9
L8	(((370/230)!.CCLS.))	479	L8
L7	(((370/$)!.CCLS.))	55872	L7
L6	(((707/$)!.CCLS.))	16738	L6
L5	(((707/206)!.CCLS.))	301	L5
L4	(((707/200)!.CCLS.))	1035	L4
L3	(((707/104.1)!.CCLS.))	1943	L3
L2	(((707/10)!.CCLS.))	2425	L2
L1	((707/1)!.CCLS.)	1866	L1

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| L23: Entry 3 of 3 | File: USPT | Nov 19, 1985 |

US-PAT-NO: 4554660
DOCUMENT-IDENTIFIER: US 4554660 A

TITLE: One-way data transmission system

DATE-ISSUED: November 19, 1985

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Noirel; Yves M.	Montfort			FR
Vardo; Jean-Claude	St. Gregoire			FR
Chevee; Gerard	Rennes			FR

ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
L'Etat Francais, represente par le Ministre des P.T.A. (Centre National d'E	both of			FR	07
Etablissement Public de Diffusion dit "Telediffusion de France"	both of			FR	07

APPL-NO: 06/ 434531   [PALM]
DATE FILED: October 14, 1982

FOREIGN-APPL-PRIORITY-DATA:

COUNTRY	APPL-NO	APPL-DATE
FR	81 19789	October 15, 1981

INT-CL: [04] H04J 3/00

US-CL-ISSUED: 370/94; 358/142
US-CL-CURRENT: 370/349; 348/473

FIELD-OF-SEARCH: 370/94, 370/60, 370/83, 370/92, 358/141, 358/145, 358/147

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

| Search Selected | | Search ALL |

	PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
☐	3760371	September 1973	Pitroda et al.	340/172.5
☐	3781818	December 1973	Pardoe et al.	340/172.5
☐	4082922	April 1978	Chu	179/15BA
☐	4115662	September 1978	Guinet	370/92
☐	4161728	July 1979	Insam	340/750
☐	4387466	June 1983	Sire	370/94
☐	4398289	August 1983	Schoute	370/94
☐	4398290	August 1983	Mathieu et al.	370/94
☐	4420833	December 1983	Noirel	370/83
☐	4496975	January 1985	Noirel	358/147

FOREIGN PATENT DOCUMENTS

FOREIGN-PAT-NO	PUBN-DATE	COUNTRY	US-CL
005317	March 1979	EP	
2066024	December 1979	GB	

OTHER PUBLICATIONS

Control Engineering, vol. 27, No. 9, Sep. 1980, pp. 129-132.
IEEE Transactions on Consumer Electronics, vol. CE-26, No. 3, 8/1980, pp. 8-585.
Videotex, Viewdata & Teletext, A Transcript of the Online Conference on Videotext, Viewdata and Teletext, On Line Publication, 1980.
Electronique, No. 272, Sep. 1979--Paris, pp. 29-34.

ART-UNIT: 263

PRIMARY-EXAMINER: Olms; Douglas W.

ASSISTANT-EXAMINER: Rokoff; Kenneth I.

ABSTRACT:

According to this invention, a field of useful data is split into a number of basic entities, called "data groups". Each data group is, in turn, split into smaller basic entities or "data blocks". Each resulting data block is inserted in a data packet to be transmitted through a teletext or videotext network. Therefore, an input coupler has two functional parts: a data group generator and a data packet generator.

9 Claims, 7 Drawing figures

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L28: Entry 9 of 13   File: USPT   May 10, 1994

US-PAT-NO: 5311550
DOCUMENT-IDENTIFIER: US 5311550 A

TITLE: Transmitter, transmission method and receiver

DATE-ISSUED: May 10, 1994

INVENTOR-INFORMATION:
NAME	CITY	STATE	ZIP CODE	COUNTRY
Fouche; Yvon	Chatenay Malabry			FR
Elleaume; Philippe	Antony			FR
de Couasnon; Tristan	Betton			FR
Travert; Serge	Cesson Sevigne			FR
Monnier; Raoul	Rennes			FR
Hergault; Stephane	Cesson Sevigne			FR

ASSIGNEE-INFORMATION:
NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
Thomson-CSF	Puteaux			FR	03

APPL-NO: 07/ 678262   [PALM]
DATE FILED: April 22, 1991

FOREIGN-APPL-PRIORITY-DATA:
COUNTRY	APPL-NO	APPL-DATE
FR	88 13832	October 21, 1988
FR	88 13833	October 21, 1988

PCT-DATA:
APPL-NO	DATE-FILED	PUB-NO	PUB-DATE	371-DATE	102(E)-DATE
PCT/FR89/00546	October 20, 1989	WO90/04893	May 3, 1990	Apr 22, 1991	Apr 22, 1991

INT-CL: [05] H04L 27/28

US-CL-ISSUED: 375/38; 370/19
US-CL-CURRENT: 375/260; 370/210

FIELD-OF-SEARCH: 375/38, 375/40, 375/94, 370/19, 370/23

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

[Search Selected]   [Search ALL]

	PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
☐	3456202	July 1969	Miyagi	
☐	4881241	November 1989	Pommier et al.	375/38

OTHER PUBLICATIONS

EBU Review Technical, Nr 224, Aug. 1987 (Bruxelles, BE), M. Alard et al.:
"Principles of modulation and channel coding for digital broadcasting for mobile
receivers", pp. 168-190.
IEEE Transactions on Communications, vol. COM-34, Nr 6, Jun. 1986 IEEE, (New York,
US), B. Hirosaki et al: "Advanced groupband data modem using orthogonally
multi-lexed QAM technique" pp. 587-592.
IEEE Transactions on Communications, vol. COM-20, Nr 3, Jun. 1972, (New York, US),
U. Timor: "Equivalence of time-multiplexed and frequency-multiplexed signals in
digital communications" pp. 435-438.

ART-UNIT: 264

PRIMARY-EXAMINER: Chin; Stephen

ASSISTANT-EXAMINER: Ghebretinsae; T.

ABSTRACT:

A transmission method and a transmitter and receiver Structure is disclosed which
provides for transmission of modulated waves using long pulses with a plurality of
frequencies. The method involves two consecutive frequencies being separated by $1/T$,
where T is the period of the useful transmission intervals. The method and the
apparatus are particularly suited to broadcasting and reception of television and
radio signals as well as telephone communications between exchanges and between
radio telephones and communication stations including terrestrial stations and
satellites and local computer networks. Most particularly the method is applicable
to high fidelity radio transmissions as well as to high definition television
(HDTV).

19 Claims, 31 Drawing figures

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L28: Entry 12 of 13　　　　　　　　File: USPT　　　　　　Oct 14, 1986

US-PAT-NO: 4617656
DOCUMENT-IDENTIFIER: US 4617656 A

TITLE: Information transmission system with modems coupled to a common communication medium

DATE-ISSUED: October 14, 1986

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kobayashi; Hiroshi	Tokyo			JP
Hirose; Tsuguhiro	Tokyo			JP
Haruyama; Hideaki	Fujisawa			JP

ASSIGNEE-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY	TYPE CODE
Tokyo Shibaura Denki Kabushiki Kaisha	Kawasaki			JP	03

APPL-NO: 06/ 814598　[PALM]
DATE FILED: January 2, 1986

PARENT-CASE:
This application is a continuation, of application Ser. No. 563,241, filed Dec. 19, 1983 now abandoned.

FOREIGN-APPL-PRIORITY-DATA:

COUNTRY	APPL-NO	APPL-DATE
JP	225216/82	December 22, 1982

INT-CL: [04] H04J 1/02, H04J 3/12

US-CL-ISSUED: 370/74; 370/98
US-CL-CURRENT: 370/445; 370/491

FIELD-OF-SEARCH: 370/74, 370/124, 370/98, 375/42, 375/36, 375/8, 375/37, 455/70, 455/68

PRIOR-ART-DISCLOSED:

U.S. PATENT DOCUMENTS

| Search Selected | | Search ALL |

	PAT-NO	ISSUE-DATE	PATENTEE-NAME	US-CL
☐	2300415	November 1942	Green	455/68
☐	4007449	February 1977	Vercesi	375/8
☐	4092596	May 1978	Dickinson et al.	370/74
☐	4251881	February 1981	Rvether	370/98
☐	4271503	June 1981	Eumvrian et al.	370/74
☐	4281380	July 1981	Demesa, III et al.	370/85
☐	4281408	July 1981	Bonnerot	370/74
☐	4375691	March 1983	Hackett	375/8
☐	4411004	October 1983	Graham	375/8
☐	4425664	January 1984	Sherman et al.	375/8

OTHER PUBLICATIONS

IEEE 802 Local Network Standard, Draft B, Chapter V.2, 8.0, Appendix, Method C, Oct. 19, 1981.

ART-UNIT: 263

PRIMARY-EXAMINER: Olms; Douglas W.

ASSISTANT-EXAMINER: Kuntz; Curtis

ABSTRACT:

A plurality of information processors are coupled by respective modems to a communication medium at points thereof. Transmission and reception of information signals among the modems are effected through a headed located at a predetermined point on the communication medium. A pilot signal generator is provided which sends out a pilot signal having a predetermined reference level through the headend to the communication medium. Each modem is arranged to properly adjust the gain of its transmitting amplifier according to a reception level of the pilot signal for an improvement of signal transmission quality and a reliable detection of a signal collision.

30 Claims, 19 Drawing figures